

CERTIFICATE OF MAILING UNDER
37 C. F. R. § 1.8

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date below:

August 31, 2005
Date

Holly Franco

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Scott A. Loiler, et al.

Serial No.: 10/511,914

Filed: October 18, 2004

For: IMPROVED rAAV VECTORS

Confirmation No.: 2333

Examiner: Unknown

Group Art Unit: Unknown

Docket No.: 36689.37
(formerly 4300.015500)

RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir or Madam:

In response to the Notification of Missing Requirements Under 35 U.S.C. 371 mailed July 26, 2005, I have enclosed the following:

1. A return copy of the Notification of Missing Requirements;
2. Executed Inventors Declaration (6 pages);
3. Second Preliminary Amendment (17 pages);
4. Statements of Conformity;
5. Sequence Listing (13 pages) with computer readable disk; and
6. return postcard.

The Commissioner is hereby authorized to charge payment of any further fees associated with any of the papers submitted herewith or to credit any overpayment to Deposit Account No. 08-1394, Order No. 36689.37.

Respectfully submitted,

Mark D. Moore, Ph.D.
Registration No. 42,903

Date: 31 AUG. 2003
HAYNES AND BOONE, L.L.P.
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UNITED STATES PATENT AND TRADEMARK OFFICE

70689.37
 UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
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 Alexandria, Virginia 22313-1450
 www.uspto.gov

U.S. APPLICATION NUMBER NO. 10/511,914	FIRST NAMED APPLICANT Scott A Loiler	ATTY. DOCKET NO. 4300.014800
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INTERNATIONAL APPLICATION NO.

PCT/US03/12225

LA. FILING DATE 04/17/2003	PRIORITY DATE 04/17/2002
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23720

WILLIAMS, MORGAN & AMERSON,
 10333 RICHMOND, SUITE 1100
 HOUSTON, TX 77042

RECEIVED
 10/18/2004
 P. 10/18/2004
 A. 10/18/2004
 IPE 10/18/2004
 Preliminary Amendments 10/18/2004
 Information Disclosure Statements 10/18/2004
 Biochemical Sequence Diskette 10/18/2004
 Biochemical Sequence Listing 10/18/2004
 U.S. Basic National Fees 10/18/2004
 Priority Documents 10/18/2004
 By: mbm
 Checked

CONFIRMATION NO. 2333

371 FORMALITIES LETTER



OC000000016474569

Date Mailed: 07/26/2005

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 10/18/2004
- Copy of the International Search Report filed on 10/18/2004
- Copy of IPE Report filed on 10/18/2004
- Preliminary Amendments filed on 10/18/2004
- Information Disclosure Statements filed on 10/18/2004
- Biochemical Sequence Diskette filed on 10/18/2004
- Biochemical Sequence Listing filed on 10/18/2004
- U.S. Basic National Fees filed on 10/18/2004
- Priority Documents filed on 10/18/2004

DOCKETING DEPT.

JUL 29 2005

WILLIAMS, MORGAN & AMERSON

RECEIVED

AUG 02 2005

HAYNES & BOONL, L.L.P.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 CFR 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing." Applicant must provide a substitute computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d).

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN 30 (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:

- For Rules Interpretation, call (571) 272-0951
- For Patentin Software Program Help, call Patent EBC at 1-866-217-9197 or directly at 703-305-3028 / 703-308-6845 between the hours of 6 a.m. and 12 midnight, Monday through Friday, EST.
- Send e-mail correspondence for Patentin Software Program Help @ ebc@uspto.gov

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

FREDERICK SMITH

Telephone: (703) 308-9140 EXT 210

PART 1 - ATTORNEY/APPLICANT COPY 5712721000

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/511,914	PCT/US03/12225	4300.014800